

FIG. 2

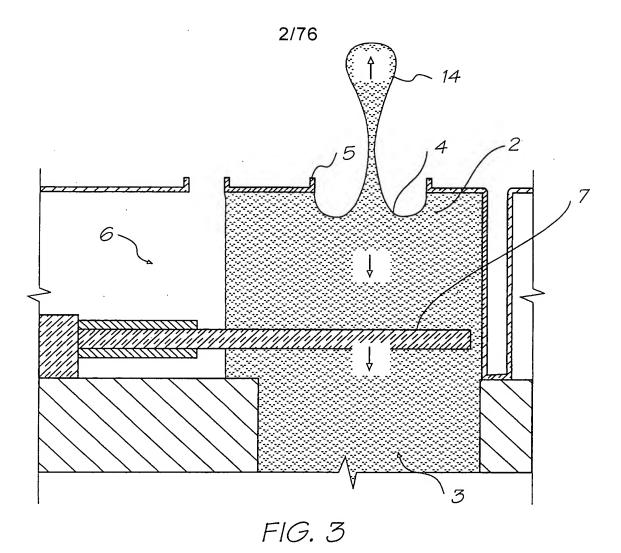
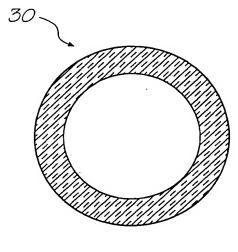


FIG. 5

FIG. 4





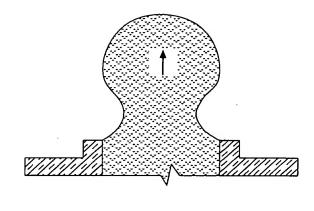


FIG. 7

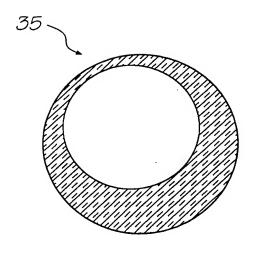


FIG. 8

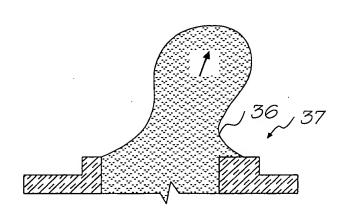
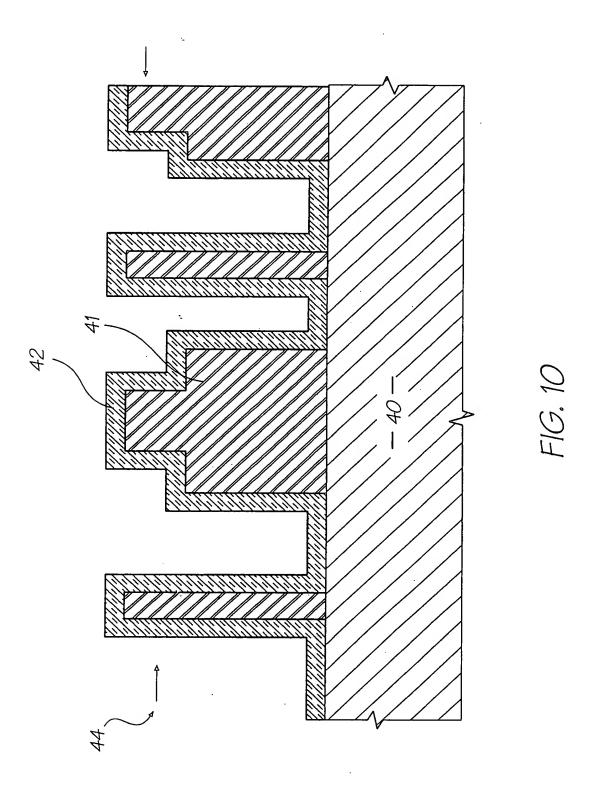
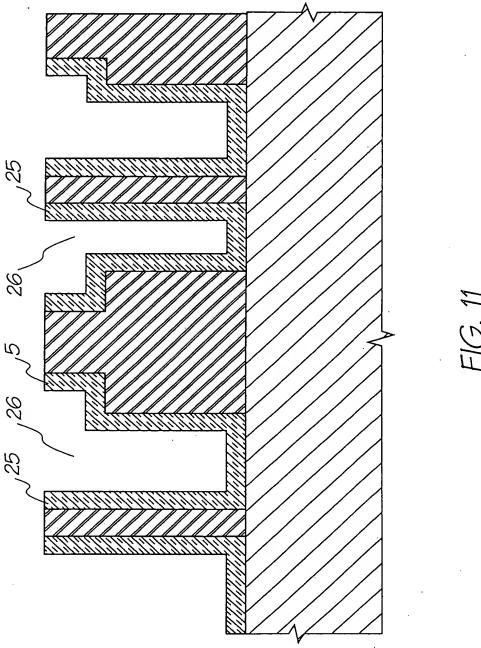


FIG. 9





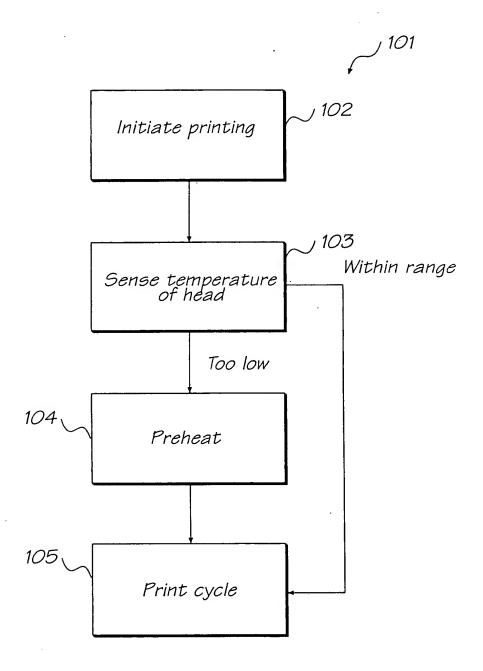
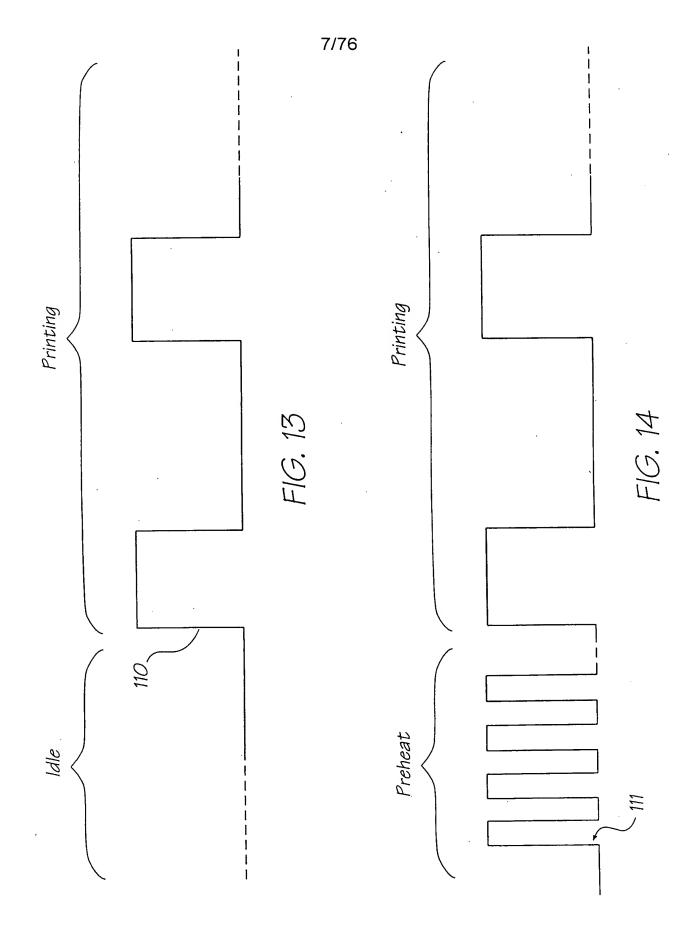
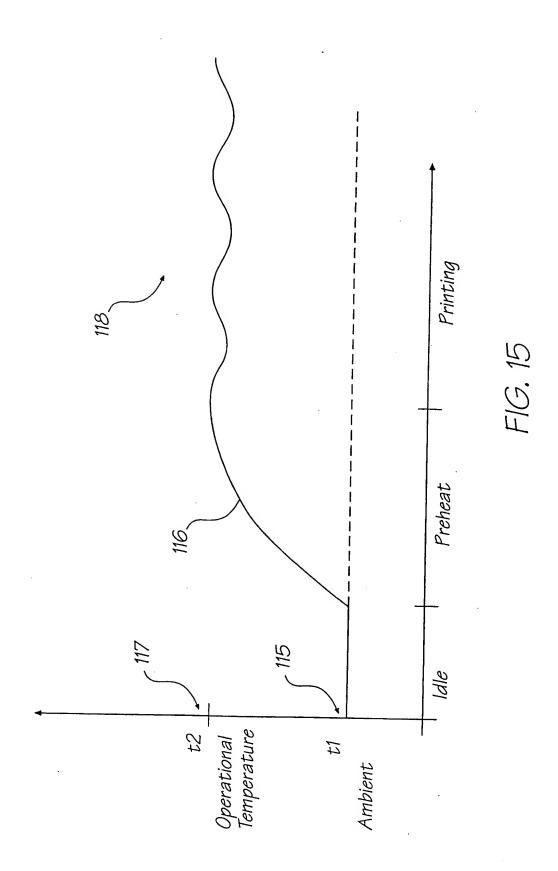
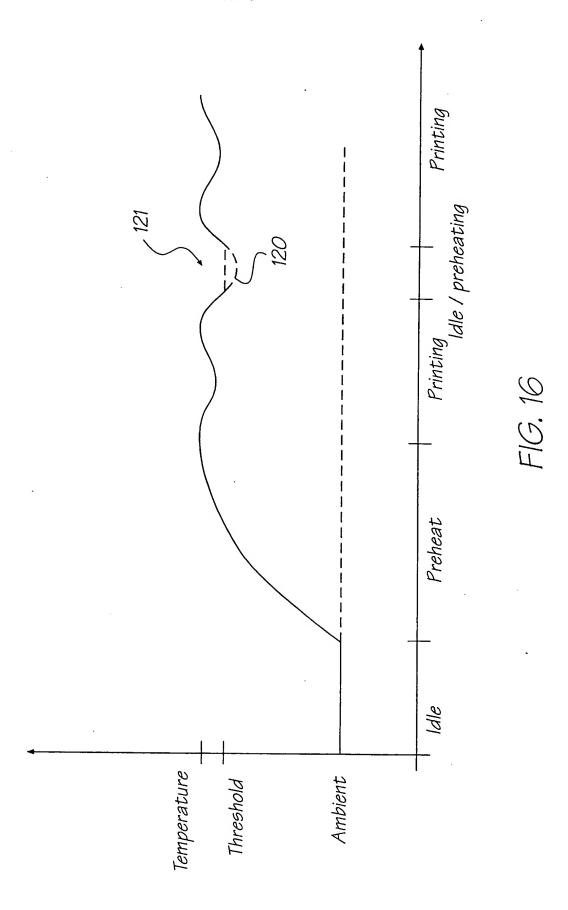


FIG. 12







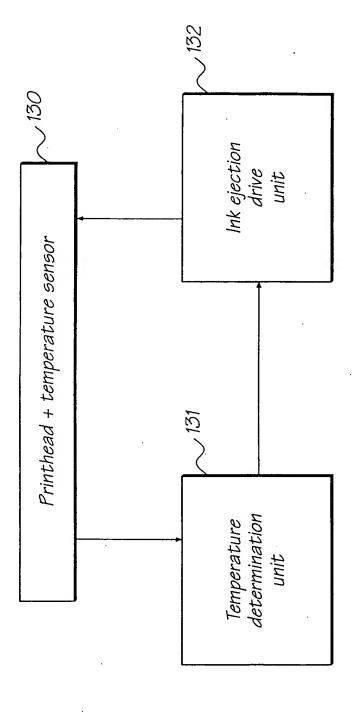
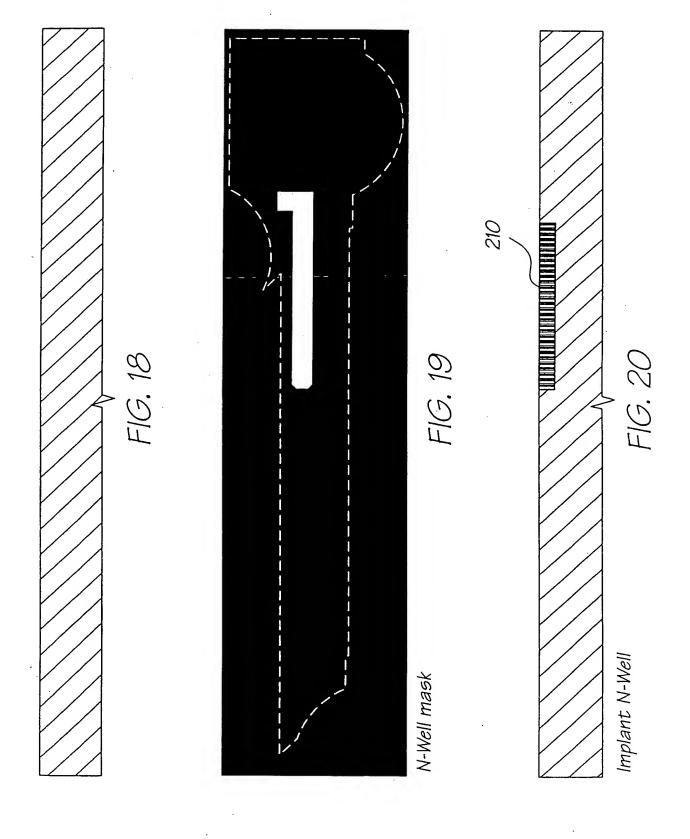


FIG. 17



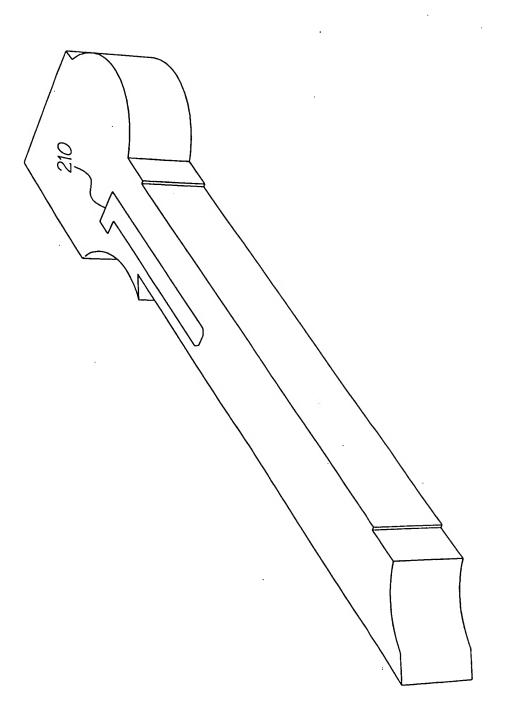
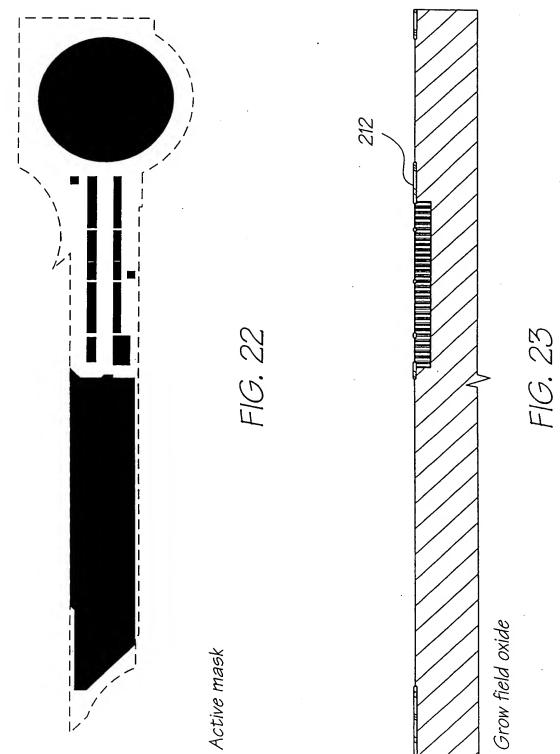


FIG. 21



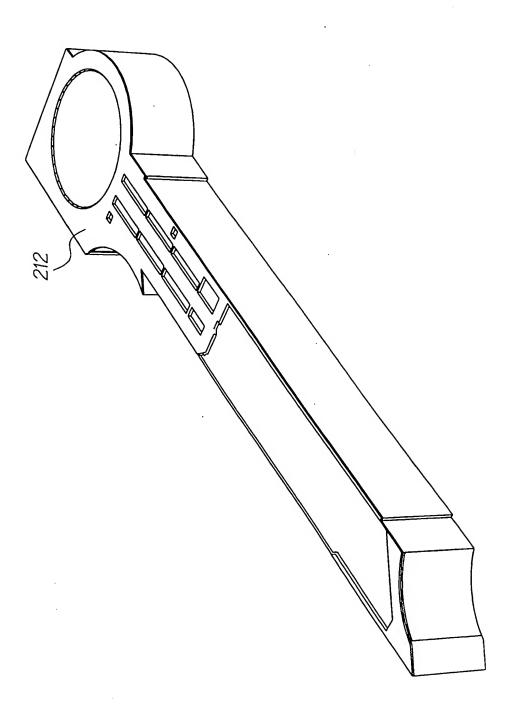
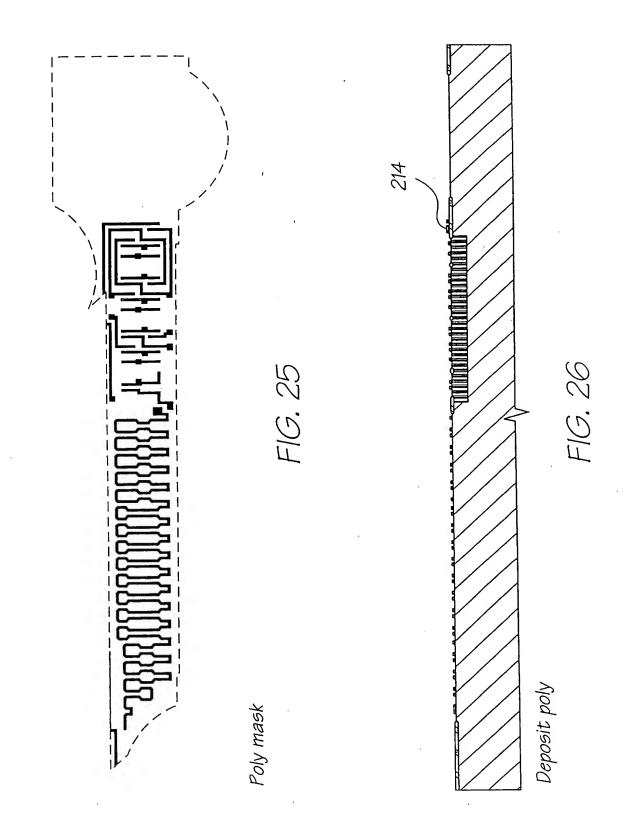


FIG. 24



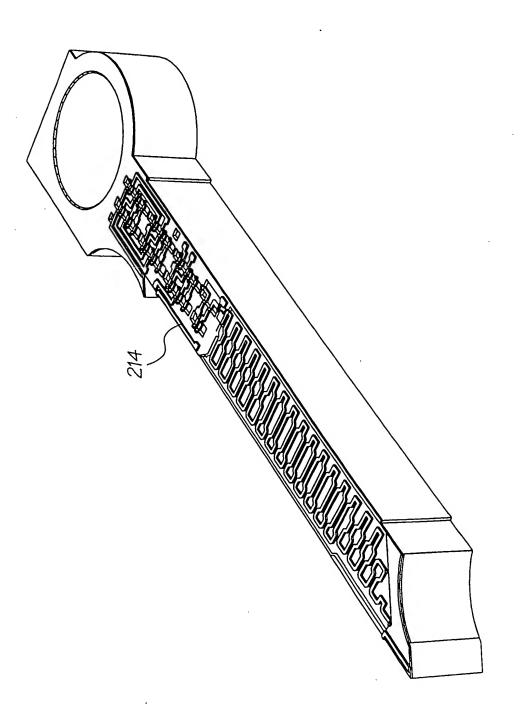
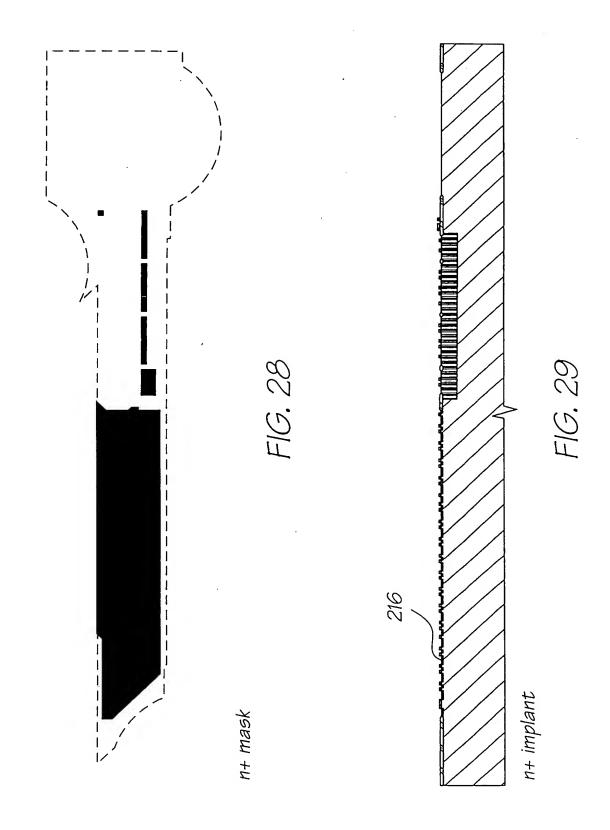


FIG. 27



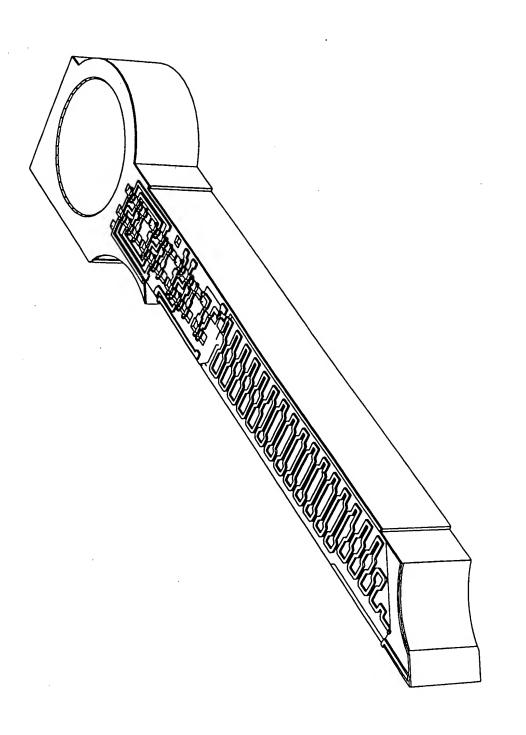
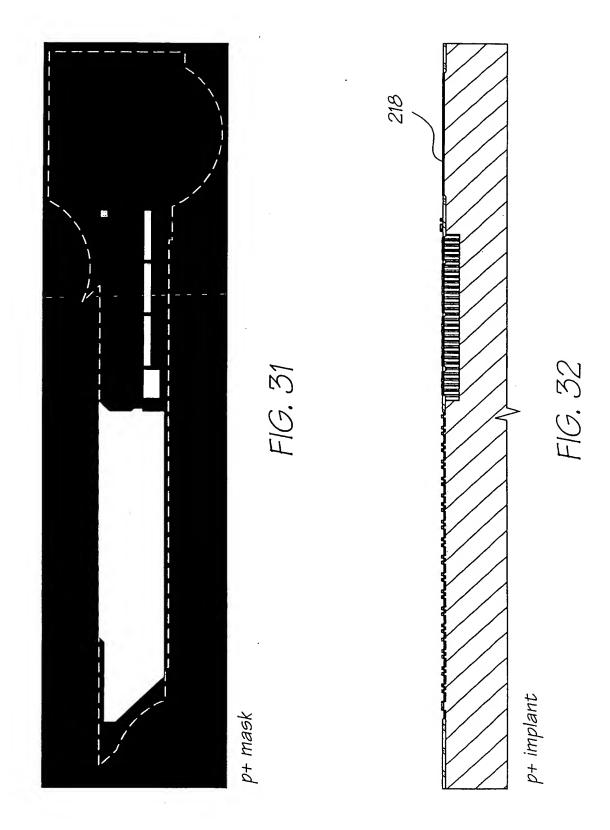


FIG. 30



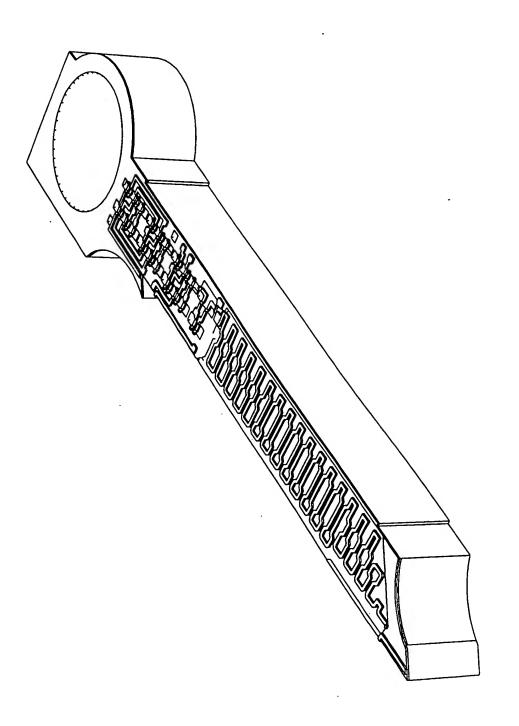
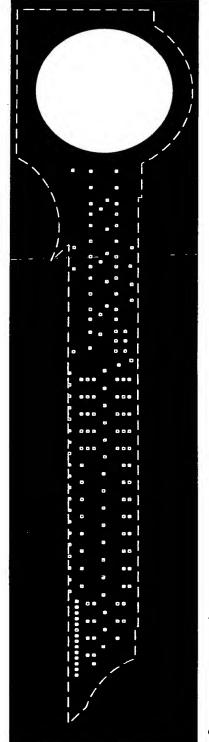
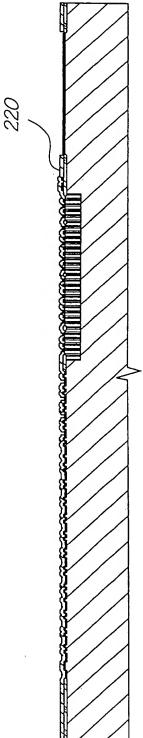


FIG. 33



Contacts mask

FIG. 34



Deposit ILD 1, etch contacts

FIG. 35

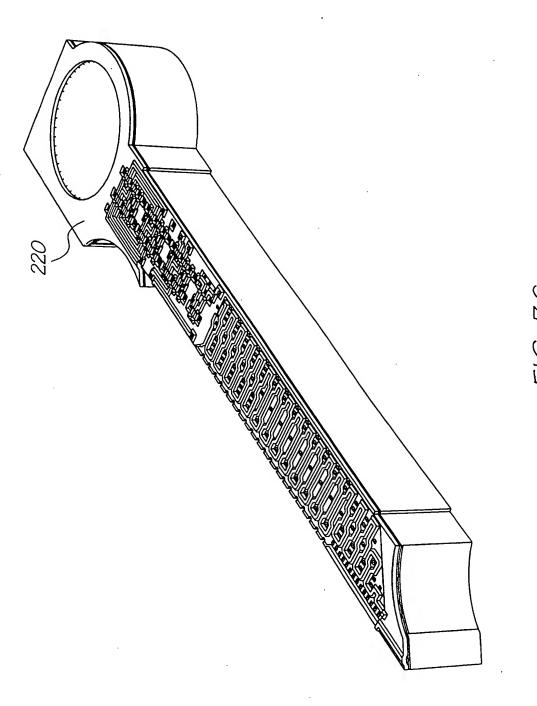


FIG. 30

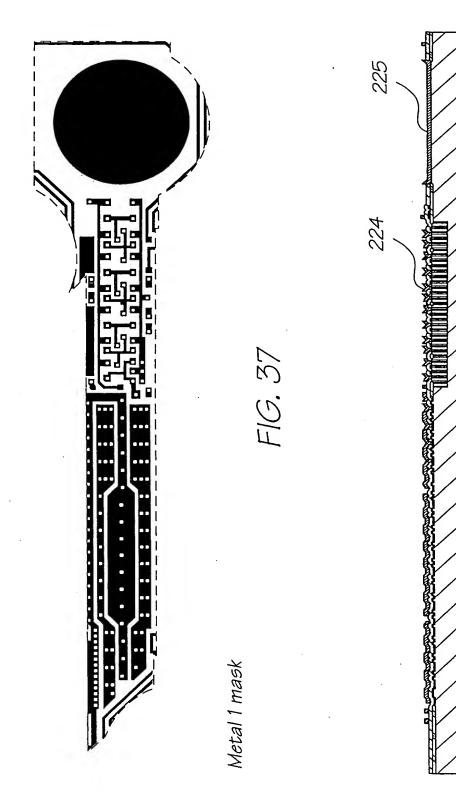


FIG. 38

Deposit Metal 1

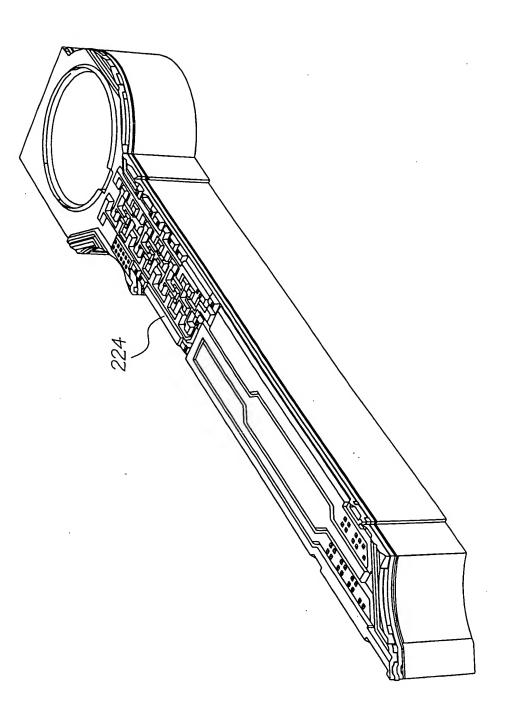
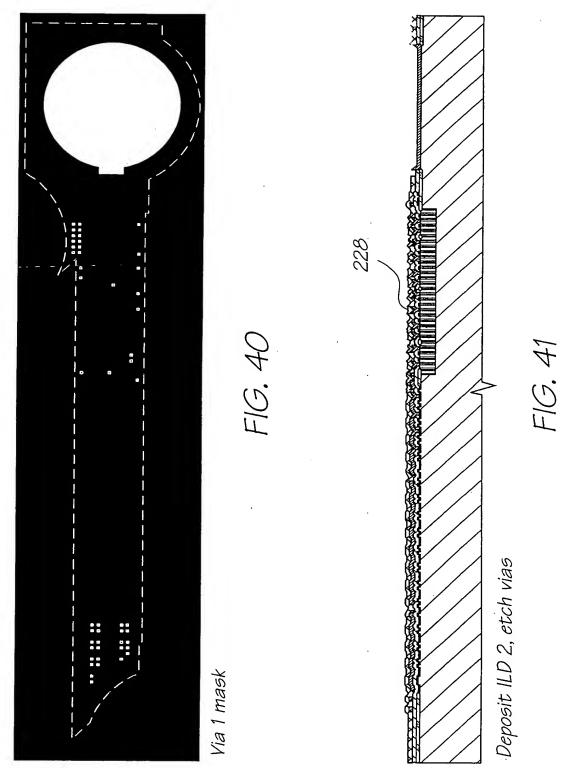
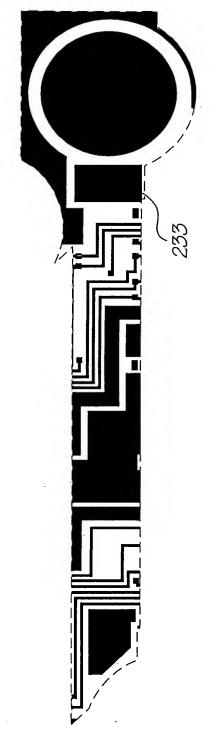


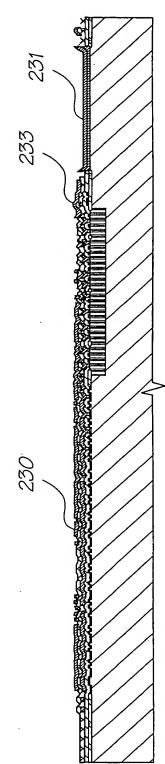
FIG. 39





Metal 2 mask

FIG. 42



Deposit metal 2

FIG. 43

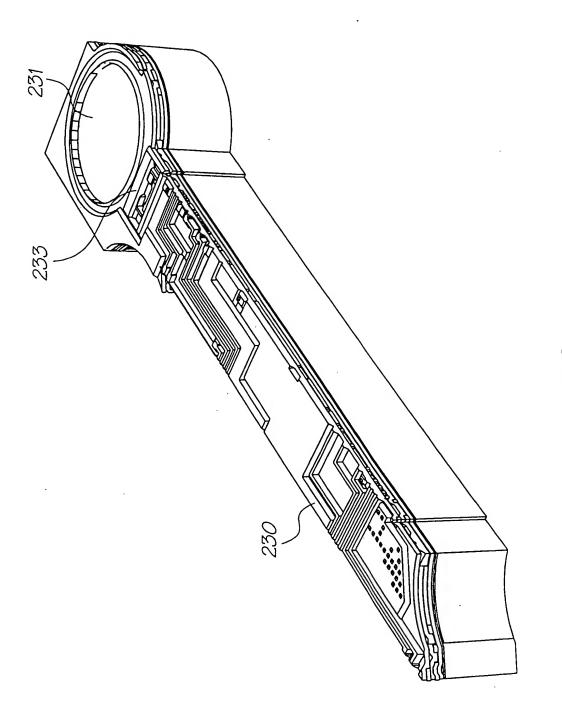
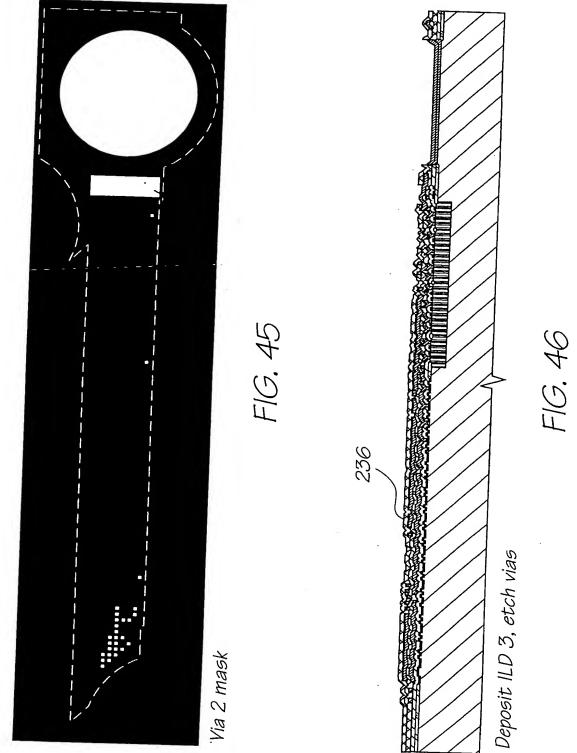
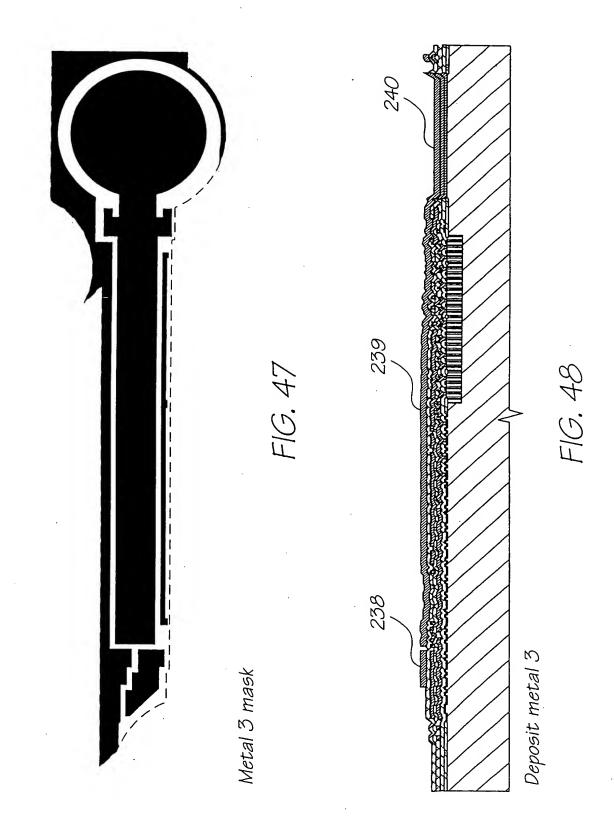
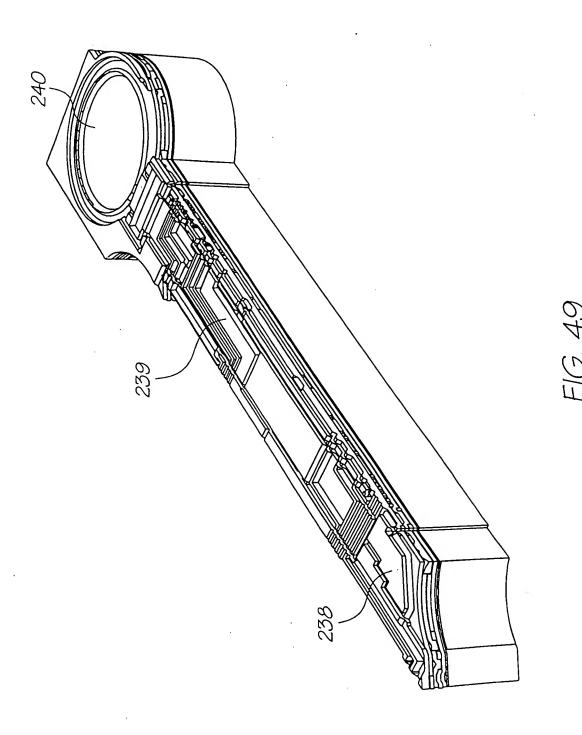
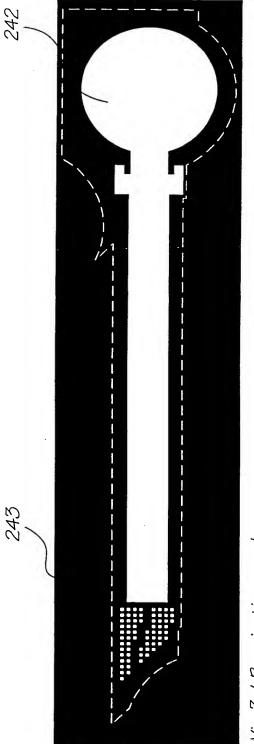


FIG. 44



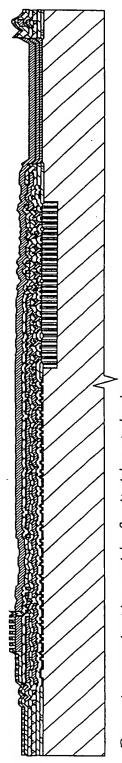






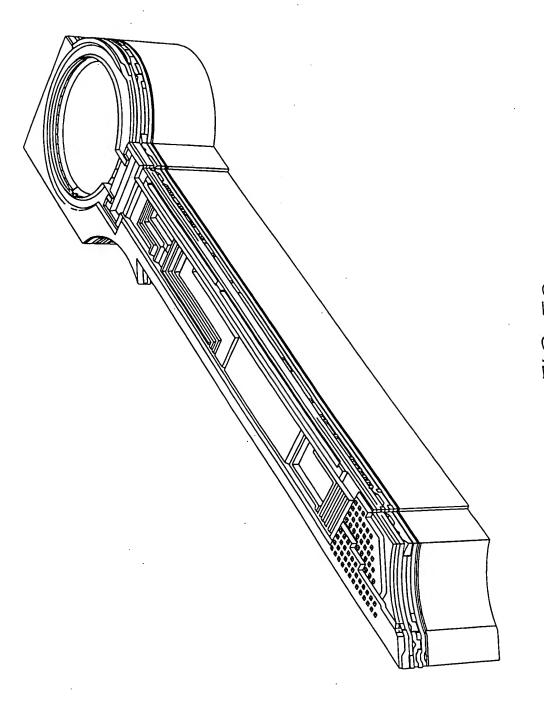
Via 3 / Passivation mask

FIG. 50

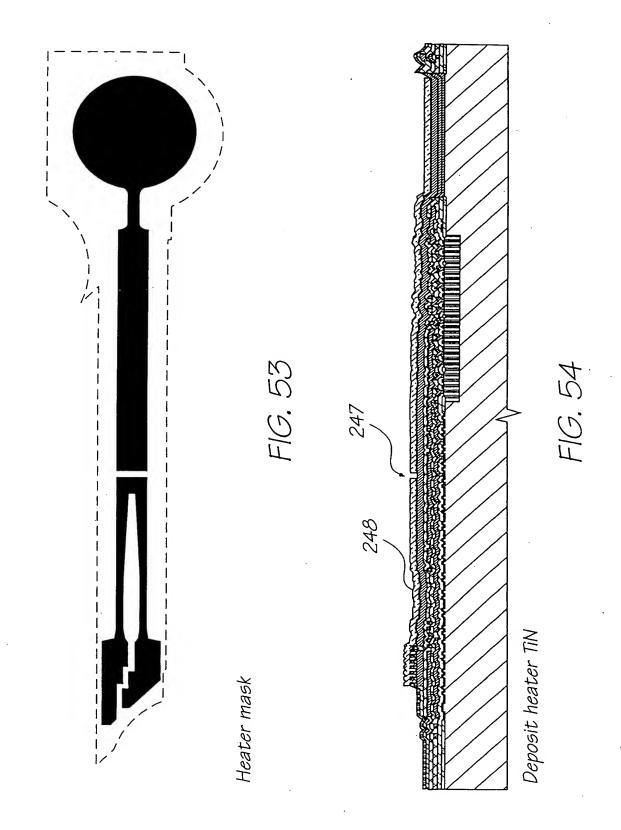


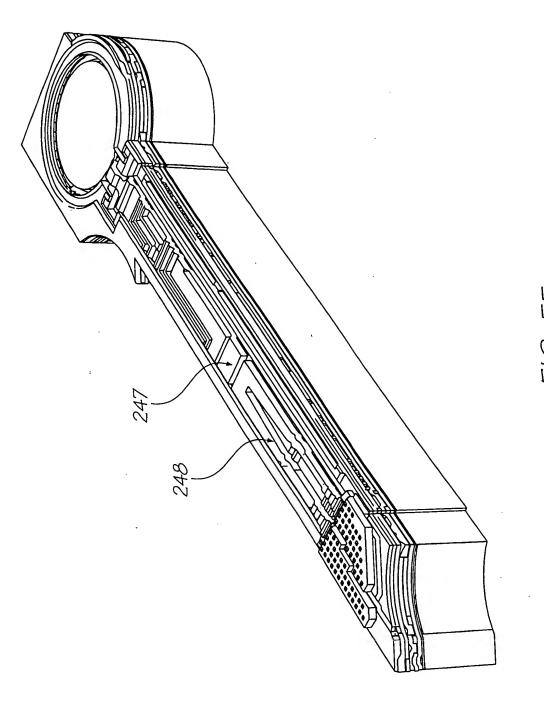
Deposit passivation oxide & nitride, etch vias

FIG. 51



F/G. 52





F/0.25

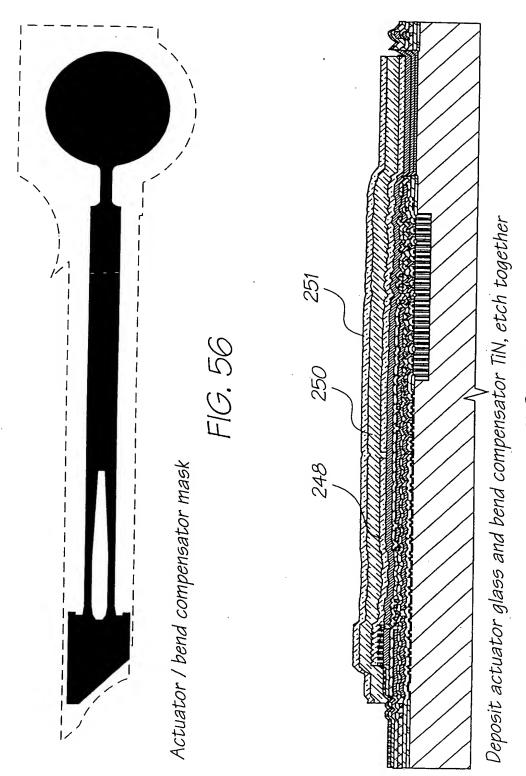


FIG. 57

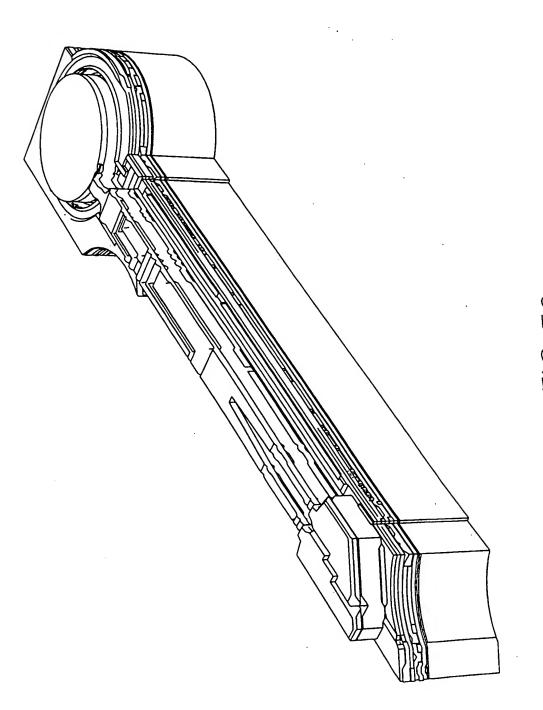
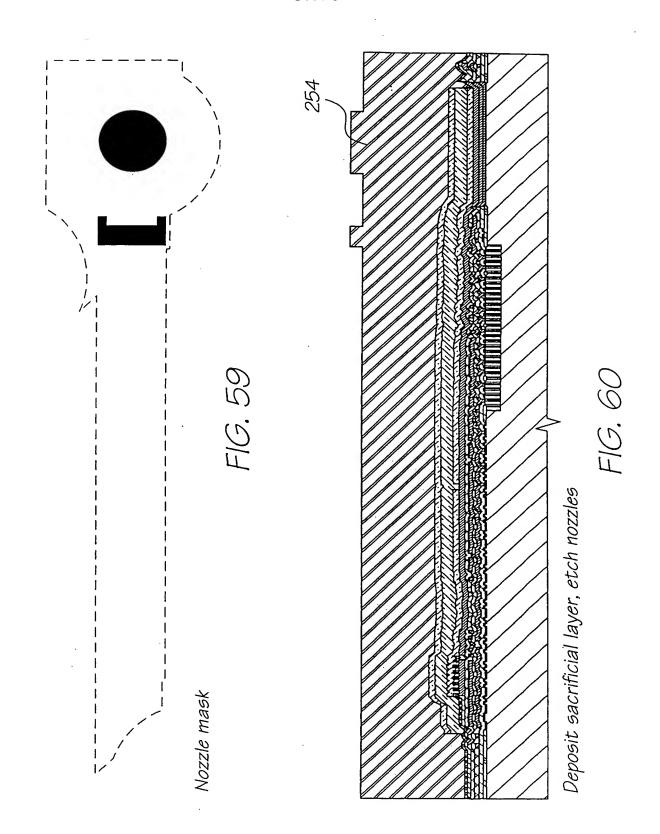
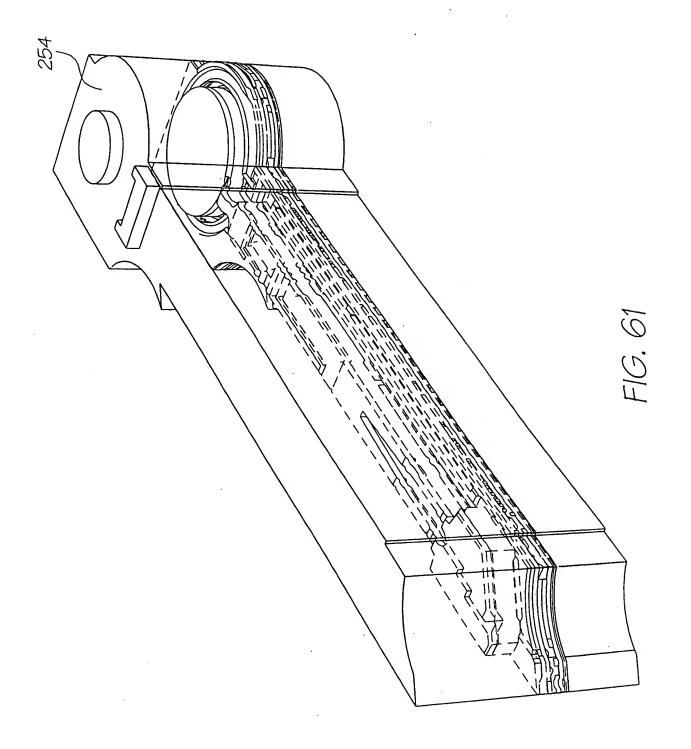
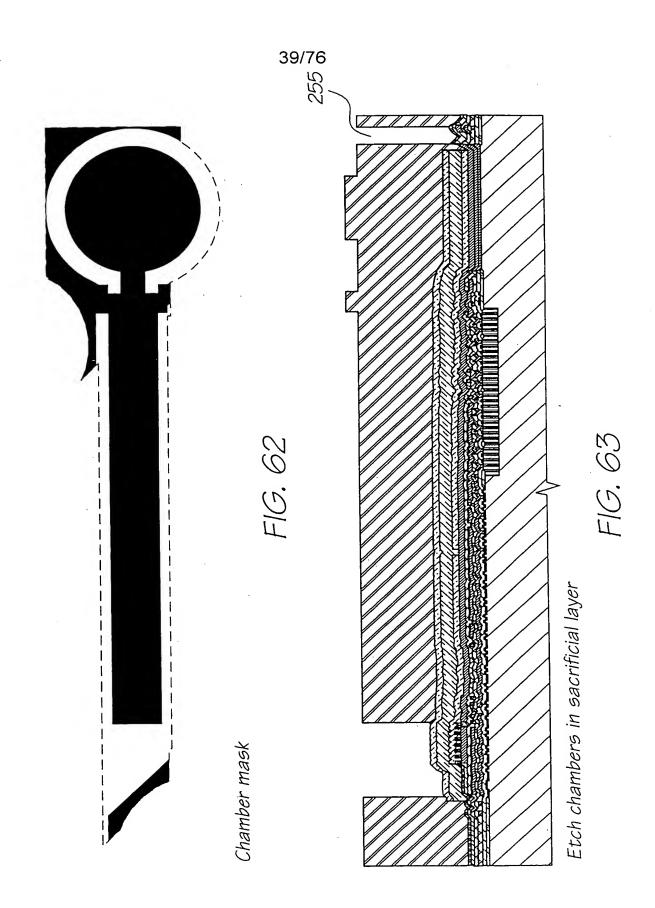
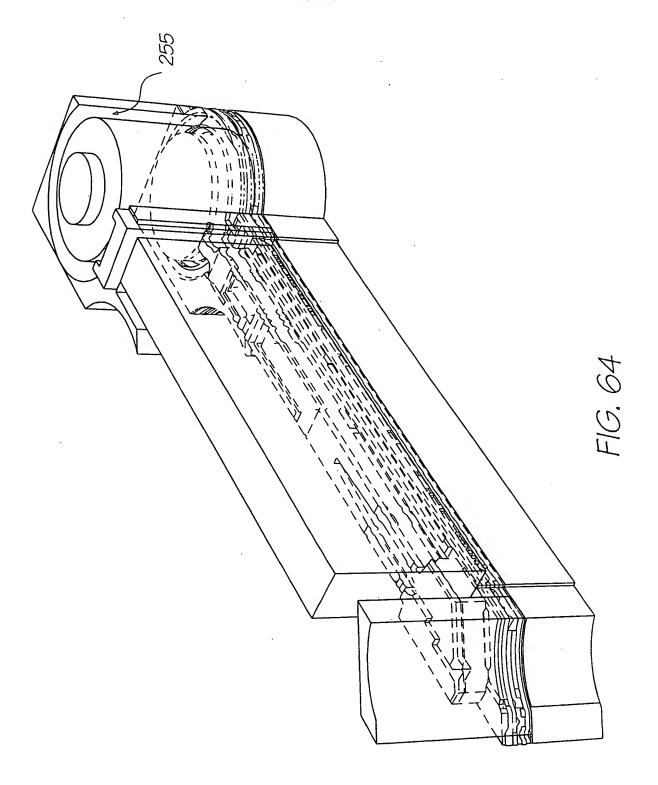


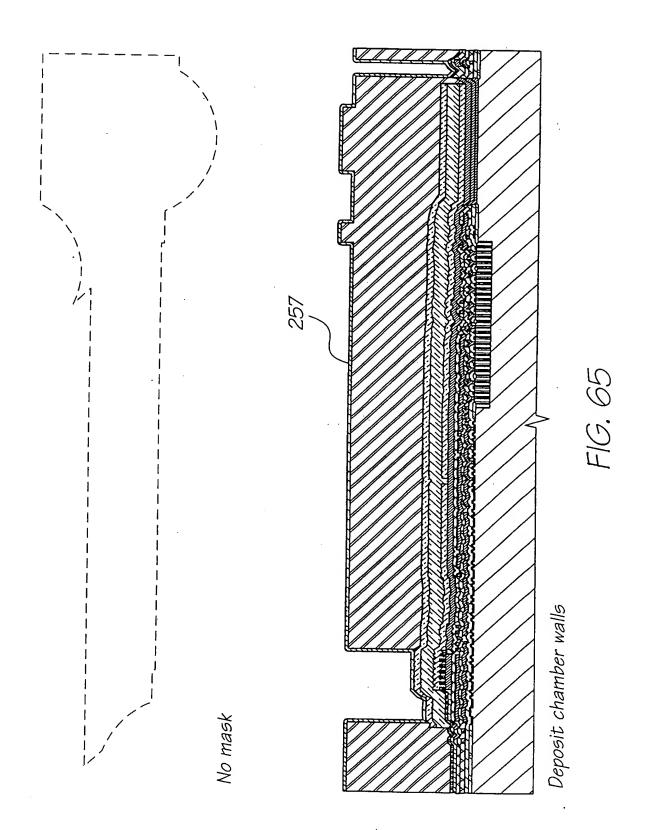
FIG. 58

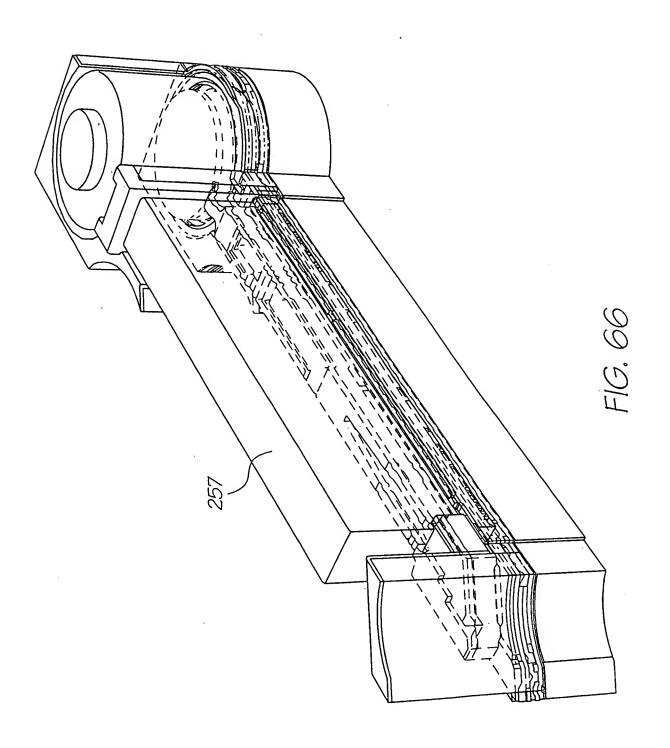


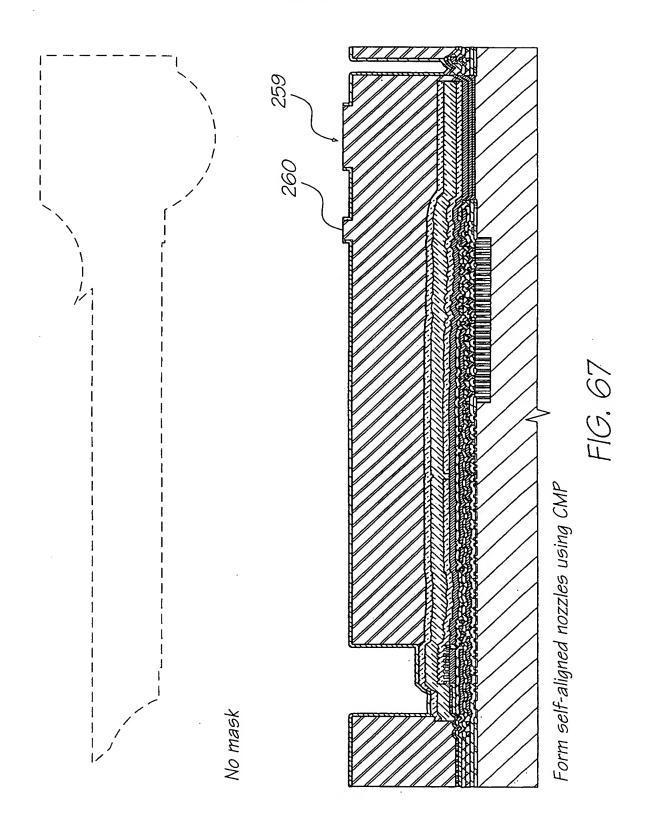


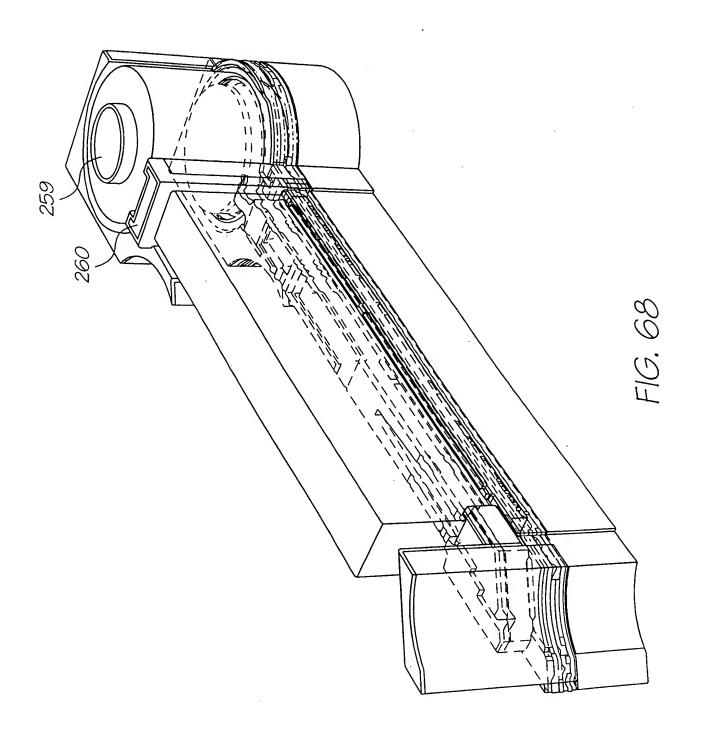


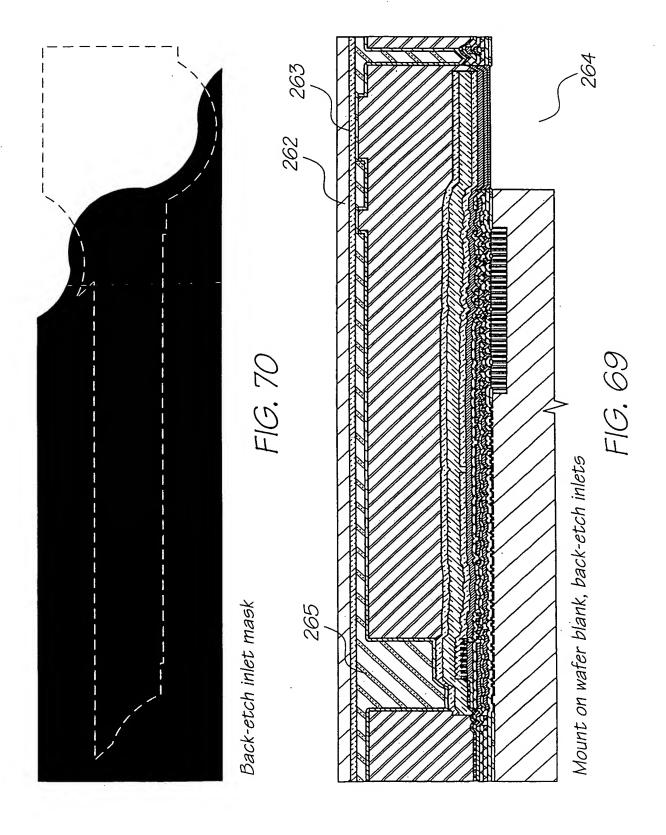


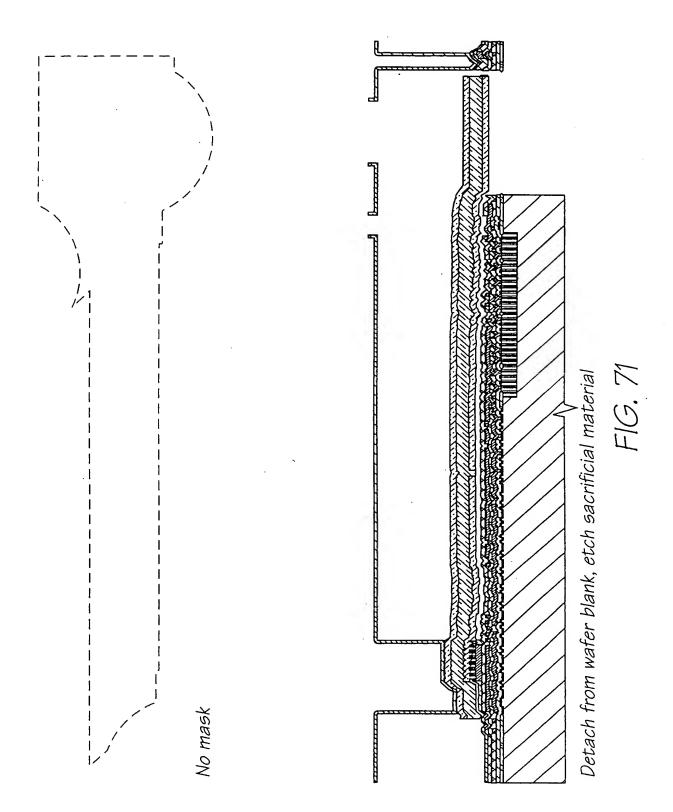


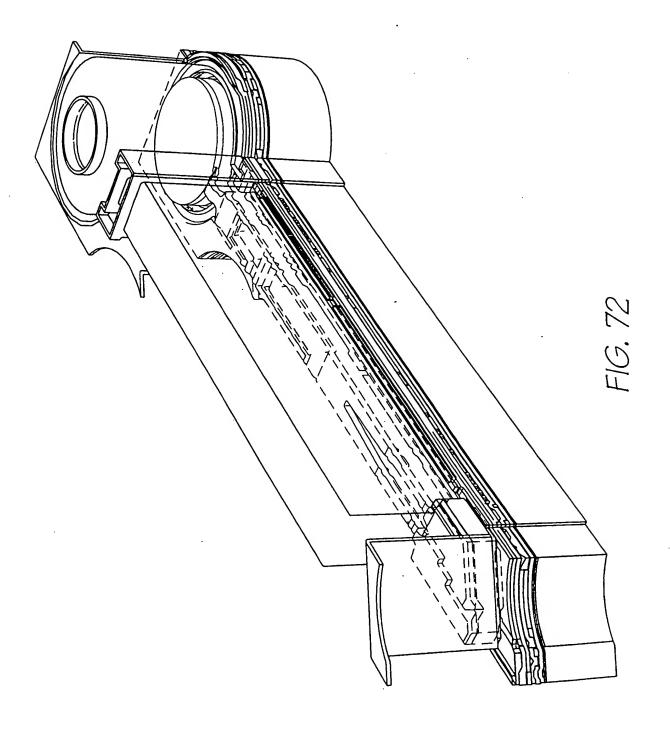


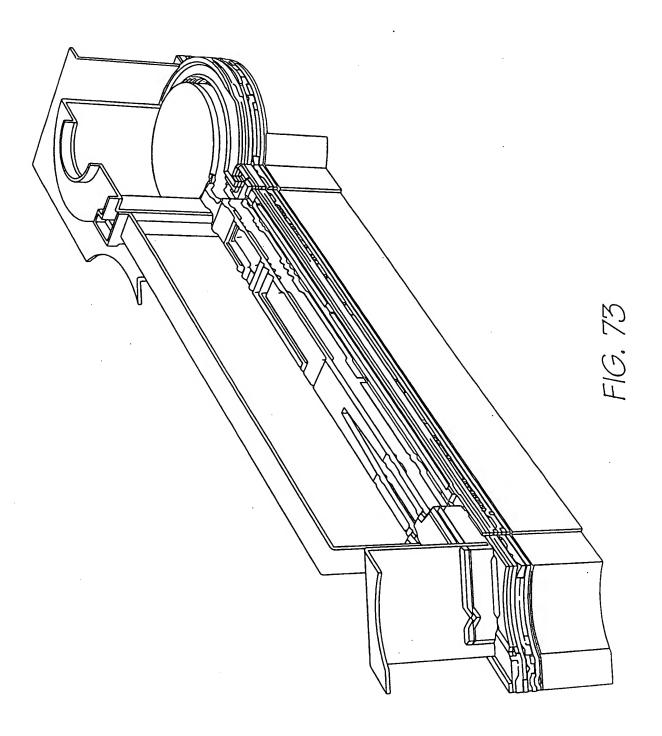


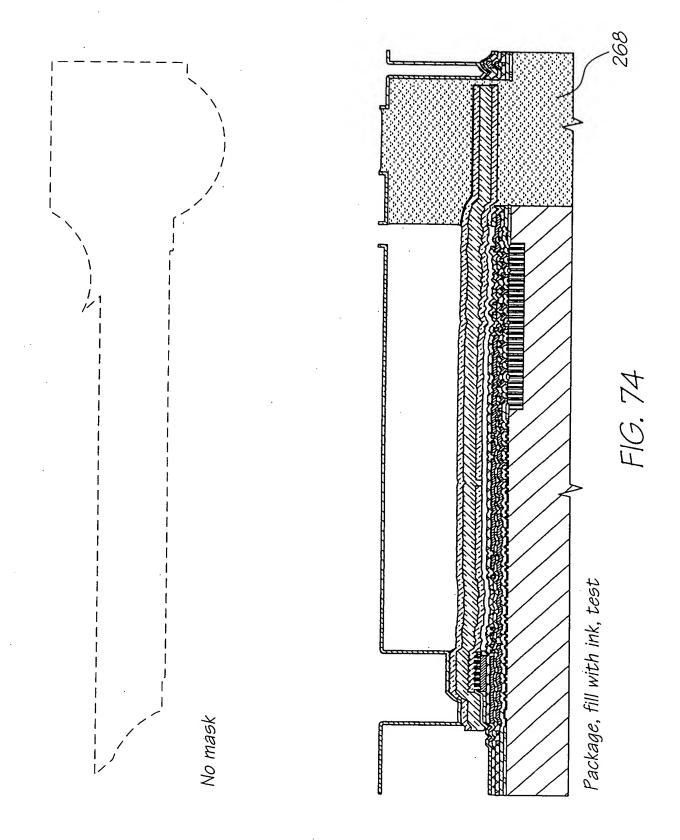


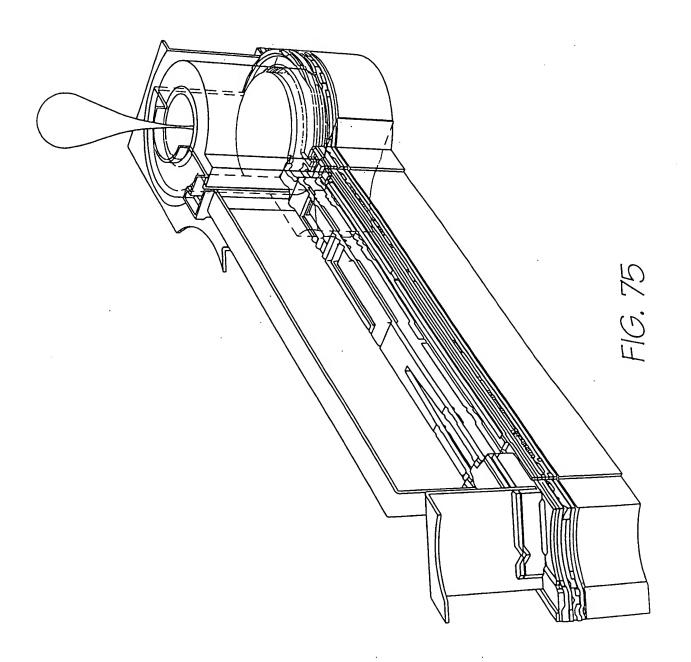












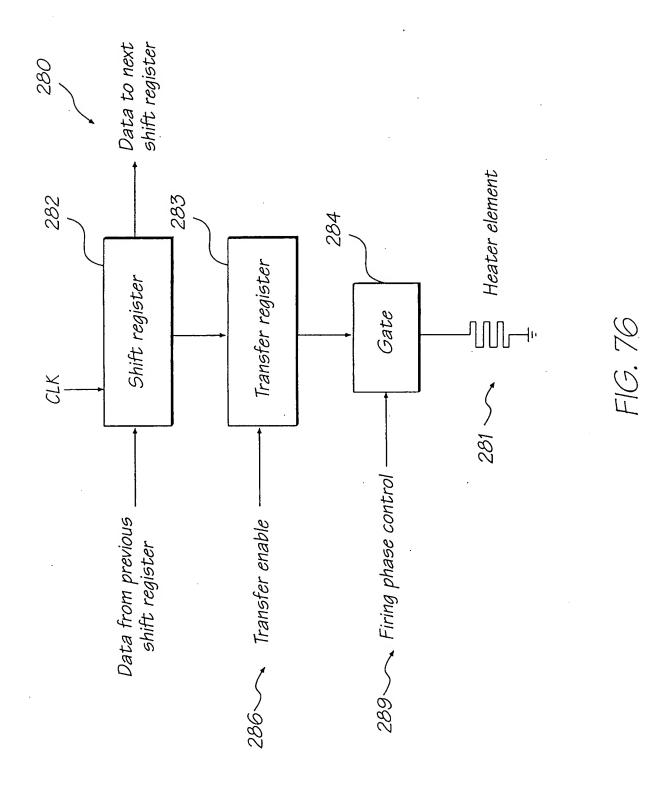


FIG. 77

FIG. 78

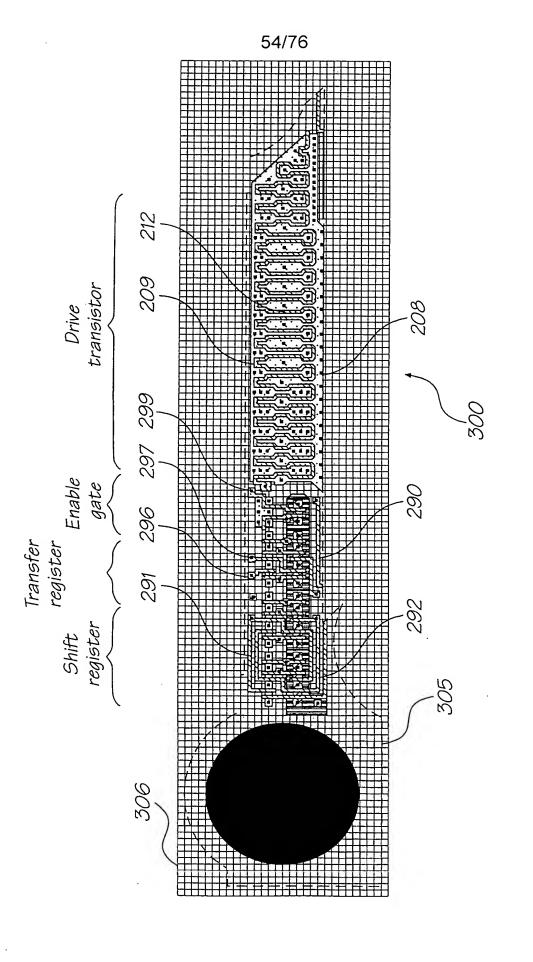
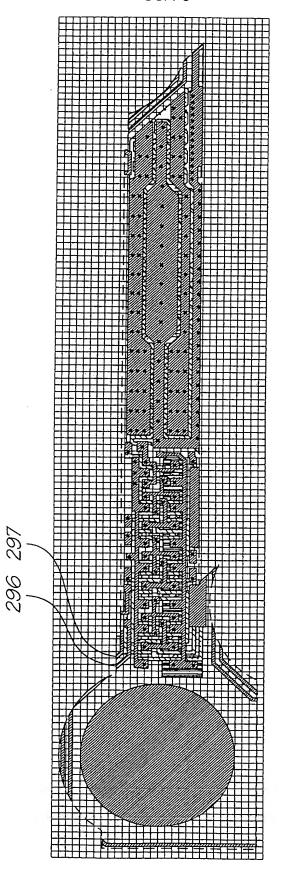


FIG. 79



F1G. 80

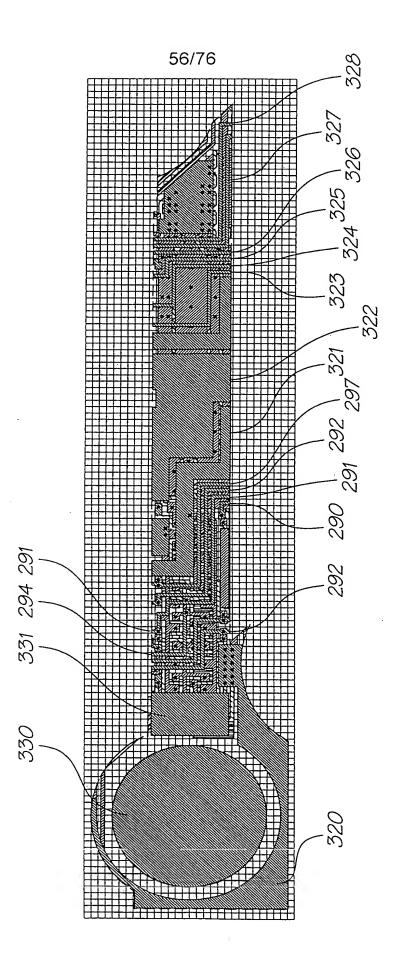
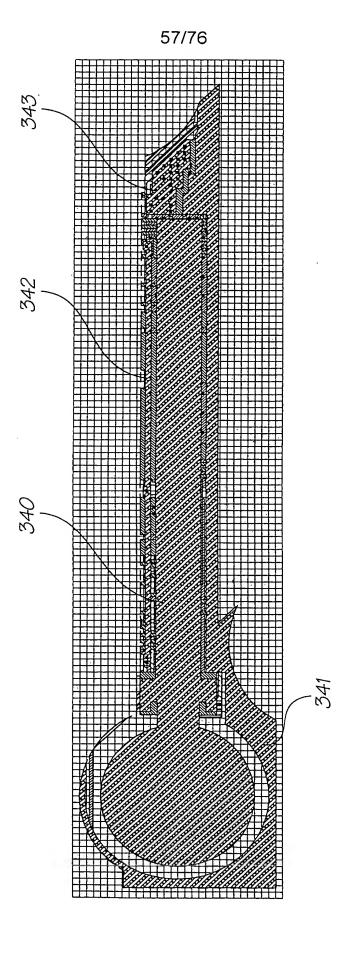
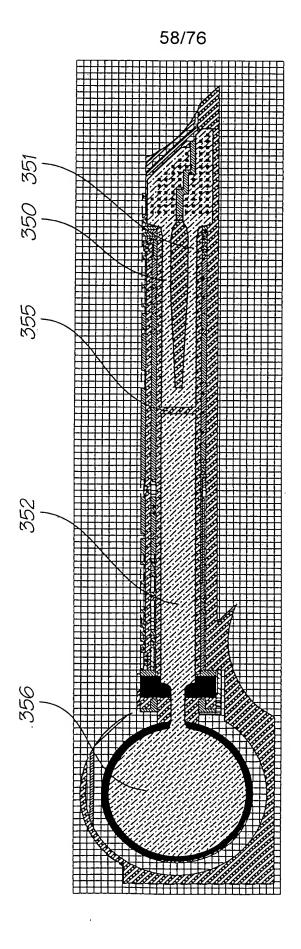
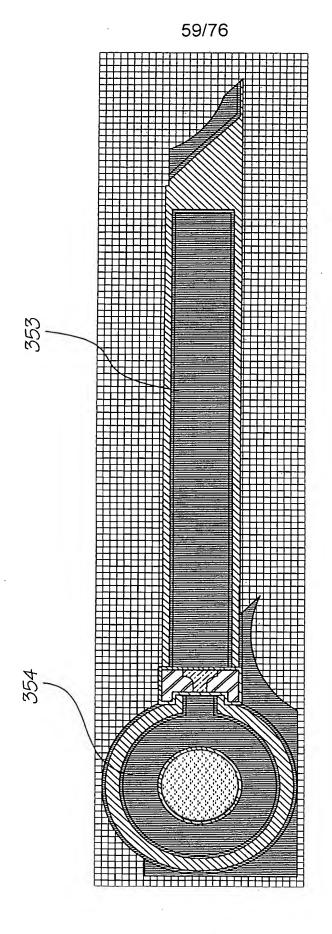
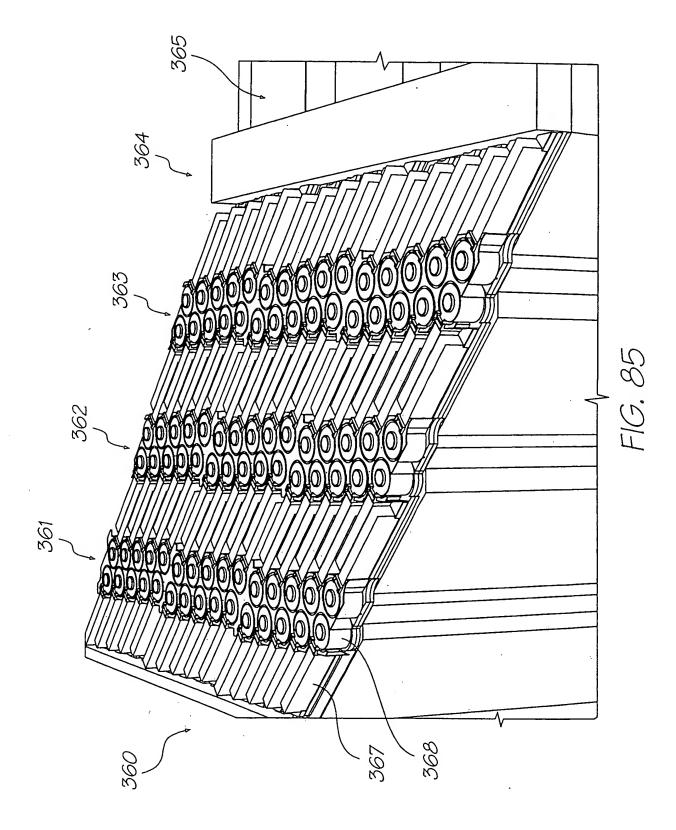


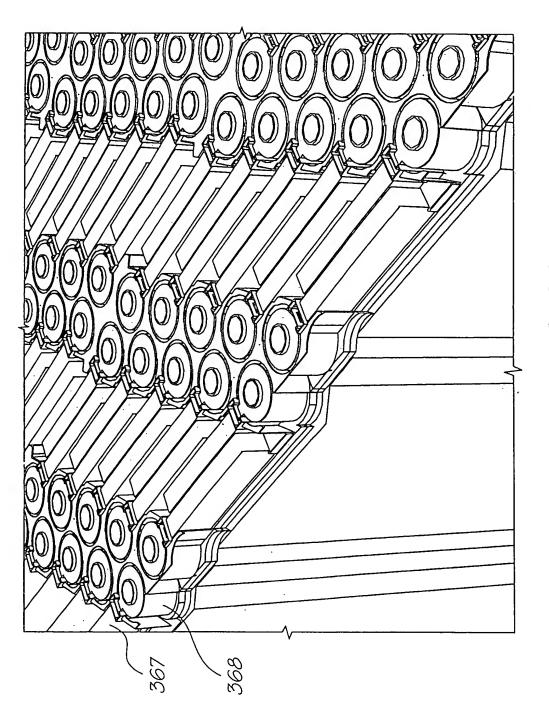
FIG. 81











F1G. 86

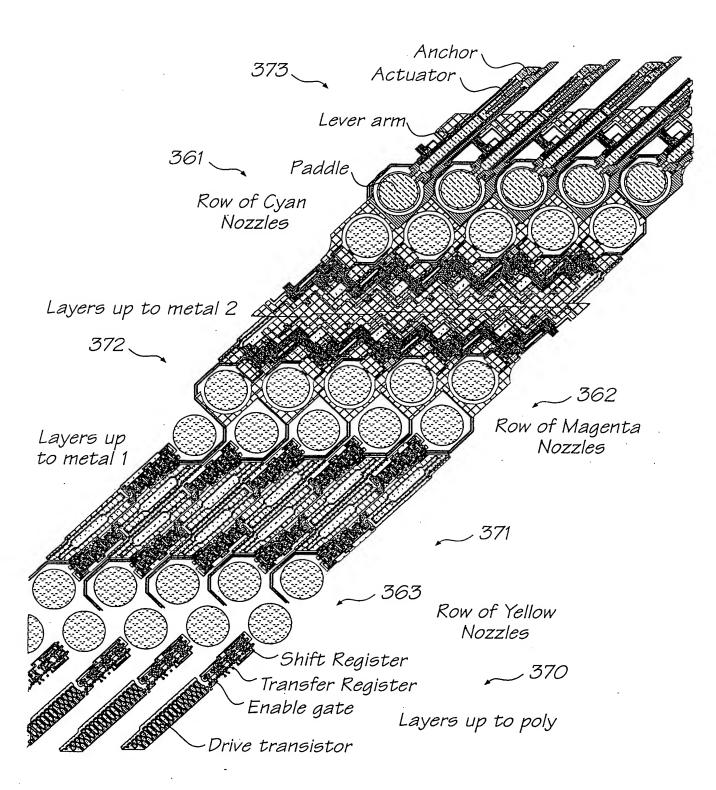
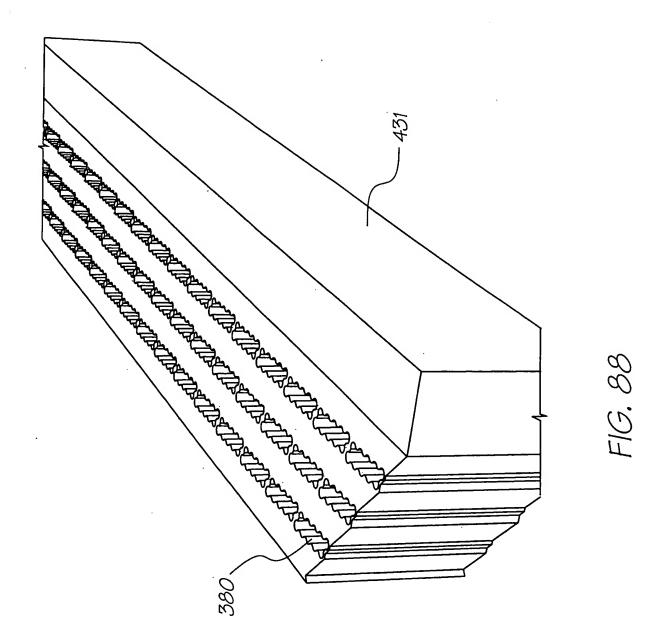


FIG. 87



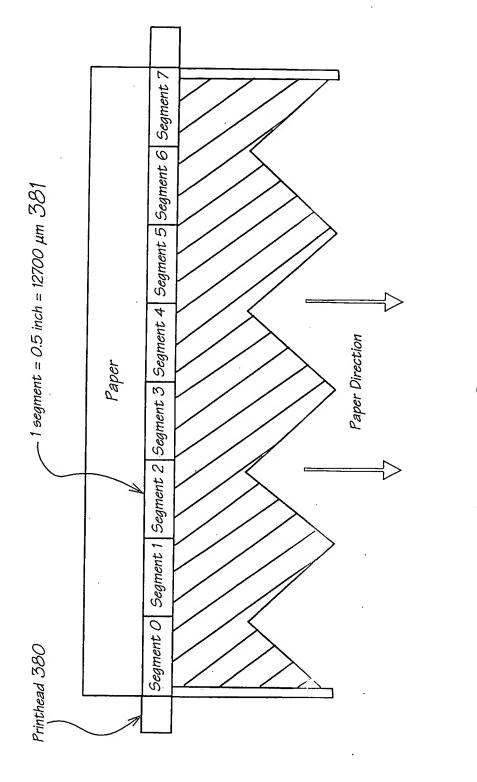
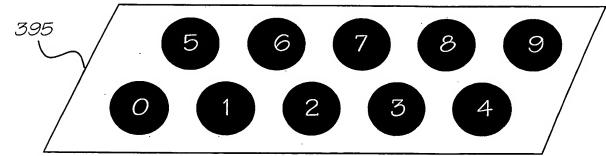
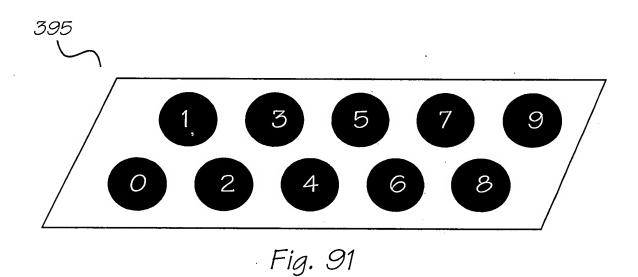


FIG. 89



A single pod, numbered by firing order

Fig. 90



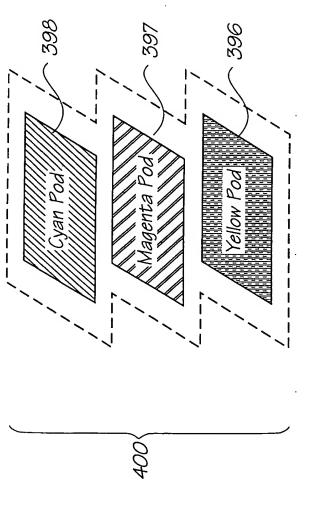


FIG. 92

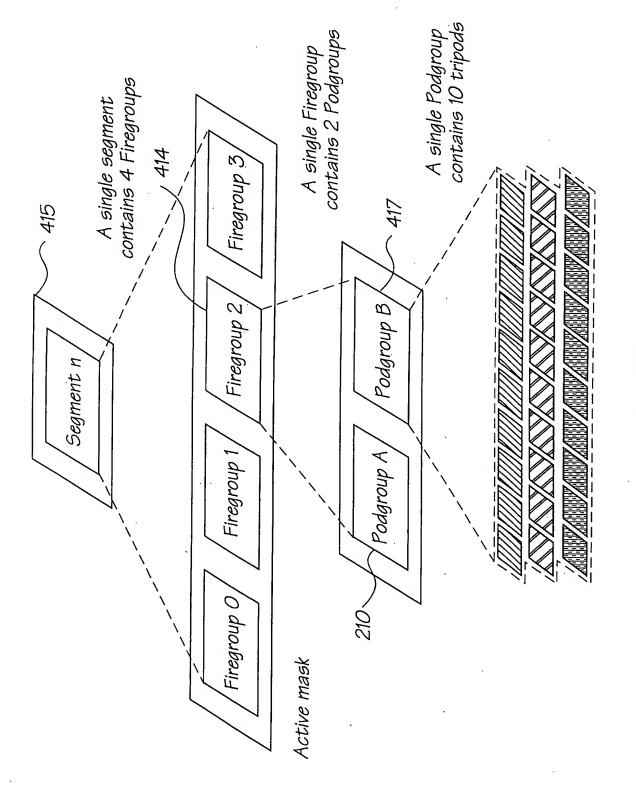


FIG. 94

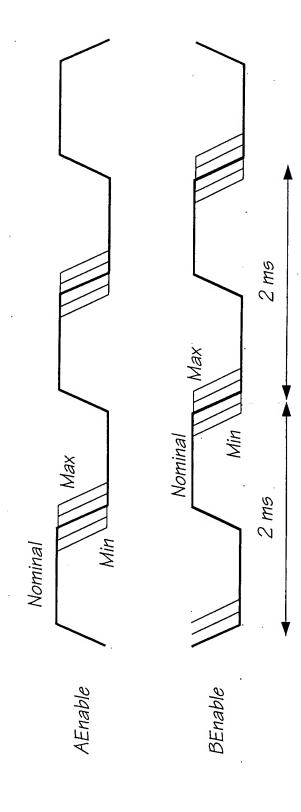
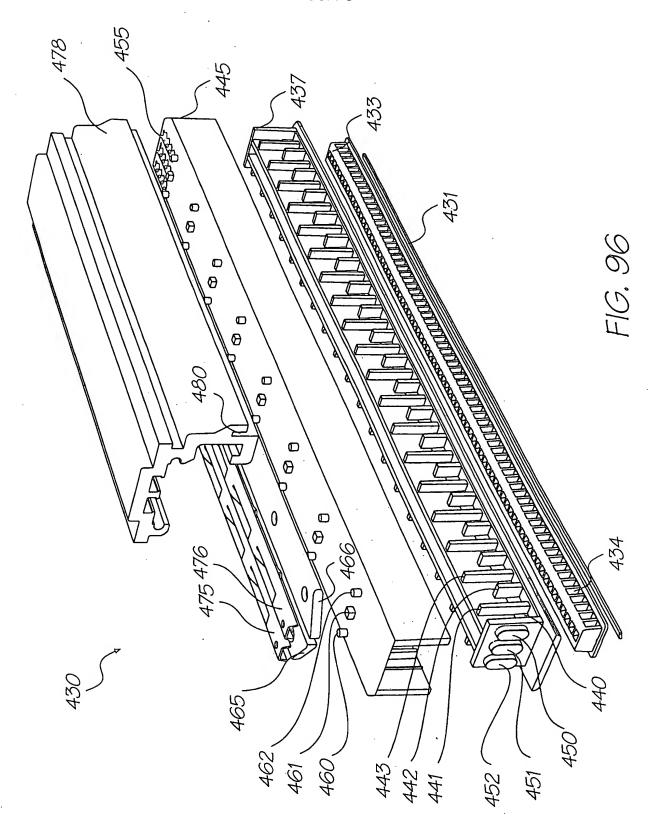


Fig. 95

AEnable and BEnable during a Typical Print Cycle



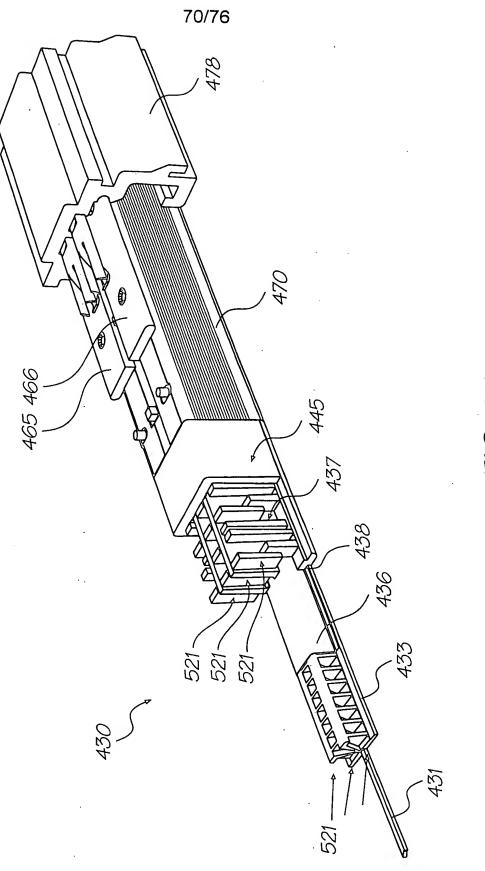
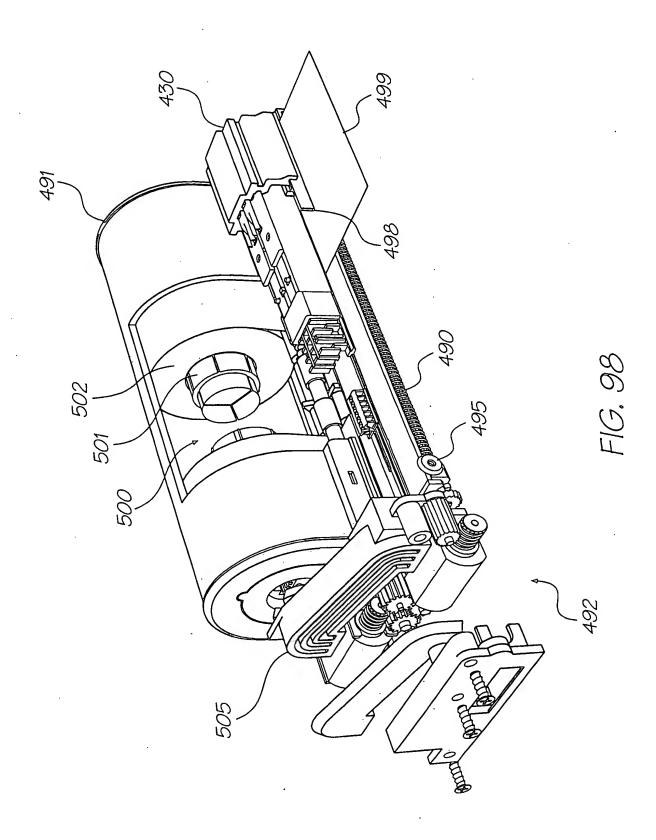
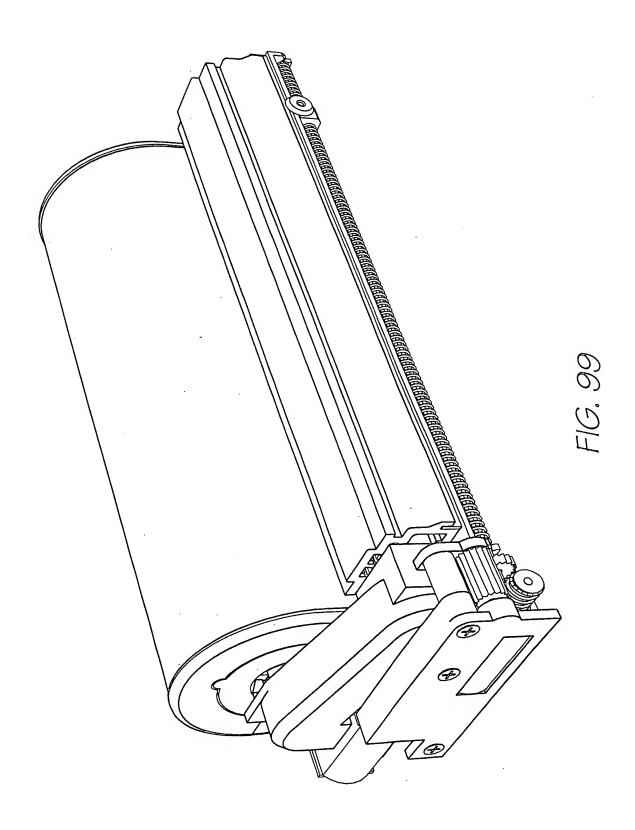
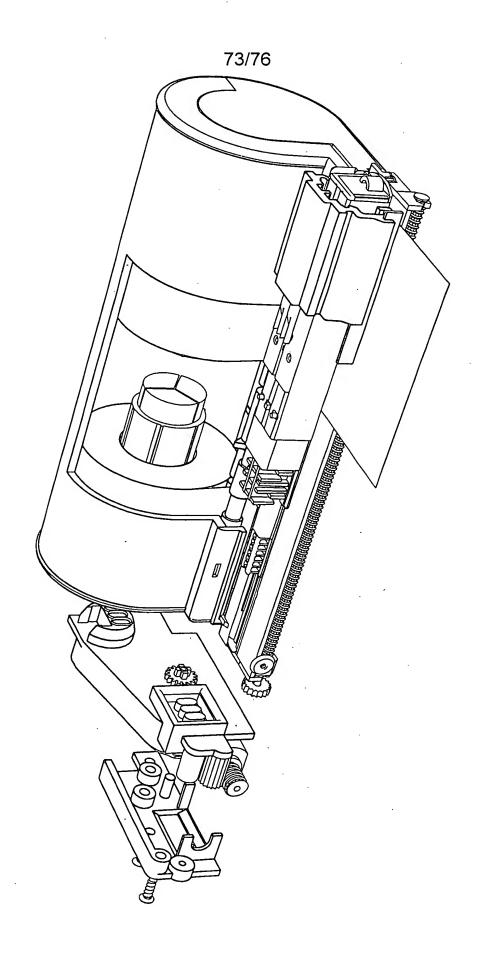
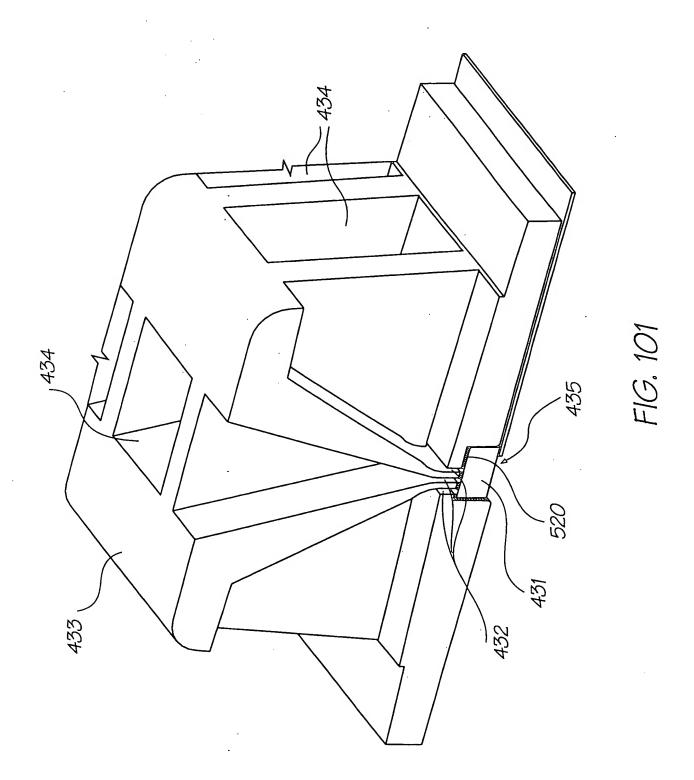


FIG. 97









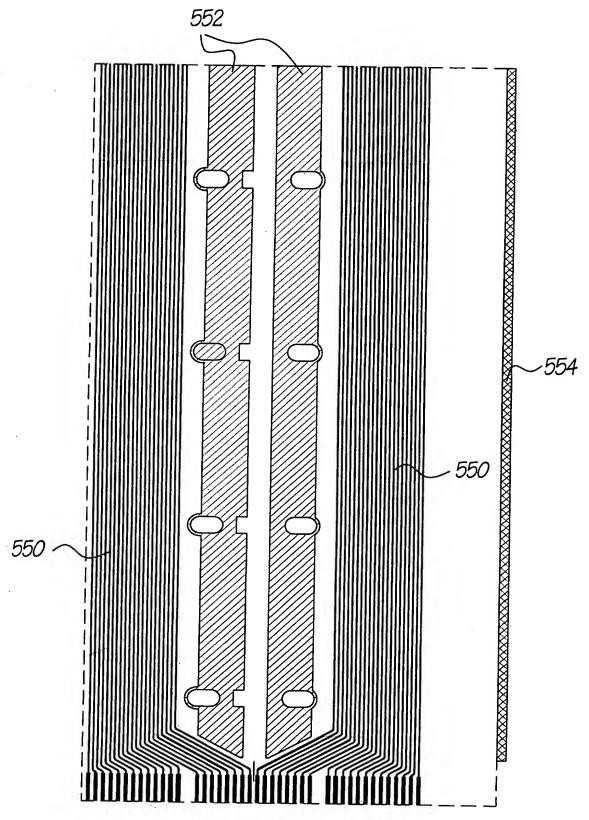


FIG. 102

